

Brief of Accident (Continued)

ATL95FA092
File No. 766 04/27/1995 STEVENSON, AL Aircraft Reg No. N41SW Time (Local): 12:10 CDT

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: CRUISE

Findings

1. (C) WING,SKIN - DEBONDED
2. (C) ACFT/EQUIP,INADEQUATE AIRFRAME - OWNER/BUILDER
3. (C) WING,SKIN - DELAMINATION
4. (C) WING - FLUTTER
5. WING - OVERLOAD
6. WING - SEPARATION

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.
AILERON-WING FLUTTER INDUCED BY SEPARATION AT THE TRAILING EDGE OF AN UNBONDED PORTION OF WING FABRIC AT AN AILERON WING STATION. THE DEBONDING OF THE WING FABRIC WAS A RESULT OF IMPROPER INSTALLATION.